

NIRVANA DIRECT

INNOVATION SERIES

The Game Changer:
designed for **direct printing at speed**



25 CELEBRATING
YEARS
1994-2019

www.optimumdigitalusa.com

 OPTIMUM DIGITAL USA



NIRVANA DIRECT

INNOVATION SERIES

Optimum's flagship textile printer configured and optimised, with a patented jumbo-roll feeding system, for reliable high quality direct to fabric printing at high speeds.

This industrial direct to fabric printer utilizes the industry's leading technologies and is available in America in 2 printing width options: 81" (205cm) and 126" (320cm). This printer includes a 118" (300cm) long industrial fixation unit for direct to fabric application.





Machine Features

- ✓ Smart automatic head cleaning system
- ✓ Separate industrial fixation unit included
- ✓ Integrated vacuum generator with compressed air
- ✓ IGUS energy chains for smooth motion control
- ✓ Aluminium frame and double carriage rail
- ✓ Unwinder/winder dancing tension system (no pinch rollers)
- ✓ Patented industrial jumbo roll feeder with airshaft rolls
- ✓ Safety trigger system for printhead protection
- ✓ Closed design system for safe operation and reduced noise

Printing Features

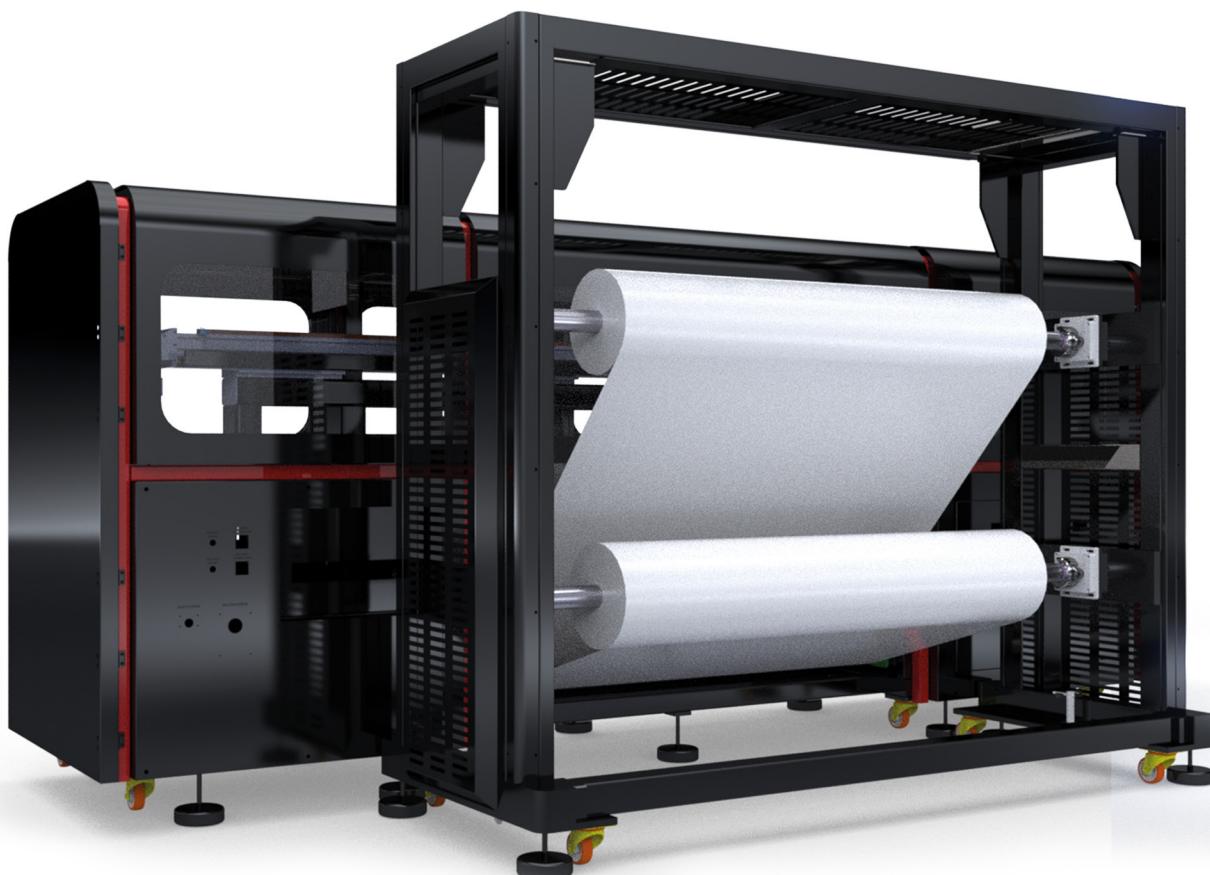
- ✓ Potential for uninterrupted 24/7 printing operations
- ✓ Low vibrations from strong frame for accurate dotting
- ✓ Up to 1,100lbs (500kg) and 18" (70cm/ 27.5) diameter media rolls
- ✓ Reliable drying at 6,027sqf/h (560sqm/h)
- ✓ Spare-parts and inks inventory at USA warehouse
- ✓ In-house color specialist for customized color profiling



Industrial Printheads
5pl – 73pl Single Channel



PLC Technology
German Electronics



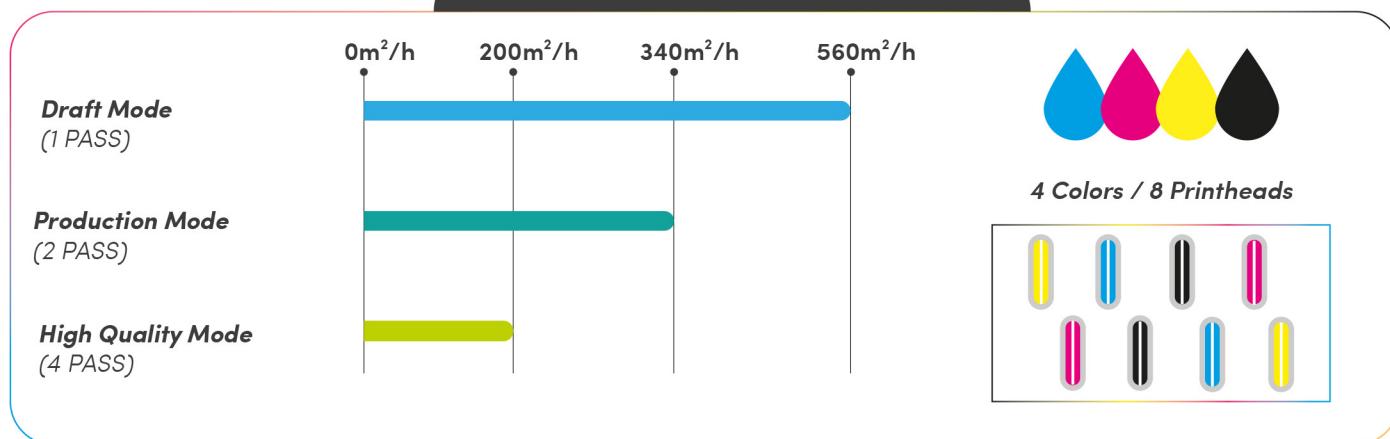
Industrial Fixation Unit
Included with printer



Technical Specifications

Default Printhead	Kyocera KJ4B - 600DPI	Variable Drop	5 pl - 73 pl
Printhead Options	4 / 6 / 8 / 12 / 16 (max 2 rows)	Color Options	4 color - 6 color - 8 color
Ink Compatibility	Sublimation, Pigment, Reactive	Ink Tank System	Open System - 5kg capacity
Max Print Width	Standard: 80.7" (205cm) L Option: 126" (320cm)	Media Type	Non-elastic textile, plastic film
Media Drying System	Industrial Fixation Unit	Media Feeding System	Industrial jumbo roll feeder Vacuum system
RIP Software	Neo-Stampa Optimum Digital Special Edition Caldera Textile Pro Enterprise	Max Media Weight	1,100lbs / 27.5" diameter 500kg / 70cm diameter
Power Requirements	Single phase 220VAC 25A (for machine) Three phase 380VAC 32A (for dryer)	Graphical User Interface (GUI)	ODP Print 2
Printer Dimensions	217" x 106" x 59"	Compressed Air	0,6 Mpa @ 2L/min
Net Printer Weight	5,732lbs		2,600kg
Net Machinery Weight	7,716lbs		3,500kg

NIRVANADIRECT 8 Printheads





Printing made easy



TABLECLOTH



CURTAIN



DECORATIVE PAPER



UPHOLSTERY



SPORTSWEAR



WALLPAPER



FLAGS



BED COVERS



APPAREL

Print on transfer paper, wallpaper as well as non-stretching fabrics with sublimation and pigment technology

NIRVANA DIRECT

INNOVATION SERIES

Global Guarantee by **Optimum Digital**

